

IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE

Docket No. 0151-CP  
Inventors: OSIKA ET AL.  
Express Mail Label No.: ET-103990103188

Mail Stop - Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450



**UTILITY PATENT APPLICATION TRANSMITTAL UNDER 37 CFR 1.53(b)**

Sir:

Enclosed herewith for filing are:

1. The patent application of:

Inventor(s): **EWA OSIKA and  
WALTER BROUWER**

Title: ***"IMPROVED UTILIZATION OF PHOSPHORUS PENTASULFIDE IN  
THIONYLATIONS USING PHASE TRANSFER CATALYSIS"***

Total pages - 15

2. Application

- a. ☒ New Application  
b. ☐ Continuation ☐ Divisional of U. S. Application Serial No. \_\_\_\_\_ filed on \_\_\_\_\_.

3. ☐ sheets of drawings .

4. ☐ Oath or Declaration (Total pages - 3 pages)  
a. ☐ Newly executed  
b. ☐ Copy from prior application (37 CFR 1.63(d))  
(for continuation/divisional application)

5. ☐ Incorporation By Reference  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4 above, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6. ☐ An assignment of the invention to **CROMPTON CO./CIE and UNIROYAL CHEMICAL COMPANY, INC.,** and cover sheet.

7. ☐ Power of Attorney

8. ☒ Information Disclosure Statement/PTO-1449

9. ☐ Preliminary Amendment

10. ☒ Return Receipt Postcard

11. The fee has been calculated as shown below:

|   | Claims Filed | Extra Claims | Rate    | Fee      |
|---|--------------|--------------|---------|----------|
| Basic Fee                               |              |              |         | \$750.00 |
| Total Claims                            | 10-20        | -0-          | X \$18  | -0-      |
| Independent Claims                      | 1-2          | -0-          | X \$84  | -0-      |
| [1] Multiple dependent claims presented |              |              | + \$280 | -0-      |
| Total Fee                               |              |              |         | \$750.00 |

13. (X) Charge Deposit Account No. 21-0525 in the amount of \$750.00

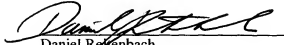
14. (X) The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No 21-0525, any additional filing fees required under 37 CFR 1.16 and any patent application processing fees under 37 CFR 1.17.

15. (X) The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 21-0525, or any patent application processing fees under 37 CFR 1.17 and any filing fees under 37 CFR 1.16 for presentation of extra claims.

Copies in duplicate are enclosed.

Respectfully submitted,

Date: 9/10/03

  
Daniel Rothenbach  
Attorney for Applicant(s)  
Reg. No. 30,970

CROMPTON CORPORATION  
Benson Road  
Middlebury, CT 06749  
Tel: (203) 573-4388  
Fax: (203) 573-2261  
Case No. 0151-CP

"EXPRESS MAIL" LABEL NO. ET-103990103-US

DEPOSIT DATE: SEPTEMBER 10, 2002. I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE "EXPRESS MAIL" POST OFFICE TO ADDRESSEE SERVICE UNDER 37 CFR 1.16 ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO THE ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, DC 20231

Deposited By: Norma Corrigan 